

What is claimed is:

CLAIMS

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5 1. A cable, comprising:
a plurality of transmission media;
a conductive core having a surface defining channels within which each of the plurality of transmission media are individually disposed; and
an outer jacket maintaining the plurality of data transmission media in position with respect to the core.

10 2. The cable of claim 1, wherein the channels of the conductive core are separated by fins, the cable further comprising:
a conductive shield covering the channels and in contact with the fins.

3. The cable of claim 1, wherein the conductive core includes a central cavity.

15 4. The cable of claim 3, further comprising a fiber optic element disposed within the central cavity.

5. The cable of claim 3, further comprising a drain wire disposed within the central cavity.

20 6. The cable of claim 1, wherein the conductive core is formed principally of a solid fluoropolymer.

25 7. The cable of claim 1, wherein the conductive core is formed principally of a foamed fluoropolymer.

8. The cable of claim 1, wherein the conductive core is formed principally of polyvinyl chloride.

30 9. The cable of claim 8, wherein the polyvinyl chloride is foamed.

10. The cable of claim 8, wherein the polyvinyl chloride is solid.

